



Series	5000	Warranty	5 Years
Volts	2	Design	SPEC
Cells	2	Plates/Cell	31
Terminal Type	Flag		
Included Hardware	S/S Hex Cap Screw, Nut, Lock & Flat Washer		
Size & Thread	5/16"-18		
Cables	19" 4/0 interconnect cables *RE incl.		

Charge

Charge Voltage Range	2.45-2.5 V/cell @ 25°C (77°F)
Float Voltage Range	2.25 V/cell @ 25°C (77°F)
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	11482
Marine Crank Amps (MCA) 32°F / 0°C	14352
Reserve Capacity (RC @ 25A)	12131 Minutes
Reserve Capacity (RC @ 75A)	4044 Minutes
Capacity Affect by Temperature	40°C (104°F) 25°C (77°F) 0°C (32°F) -15°C (5°F)
	105% 100% 75% 50%

Hour Rate	Capacity / AMP Hour	Current / AMPS
@ 100 Hour Rate	6520 AH	65.20 A
@ 72 Hour Rate	6166 AH	85.64 A
@ 50 Hour Rate	5838 AH	116.76 A
@ 20 Hour Rate	5054 AH	252.72 A
@ 15 Hour Rate	4701 AH	313.37 A
@ 10 Hour Rate	4498 AH	449.84 A
@ 8 Hour Rate	4347 AH	543.35 A
@ 5 Hour Rate	4044 AH	808.70 A
@ 1 Hour Rate	2274 AH	2274.48 A

Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications

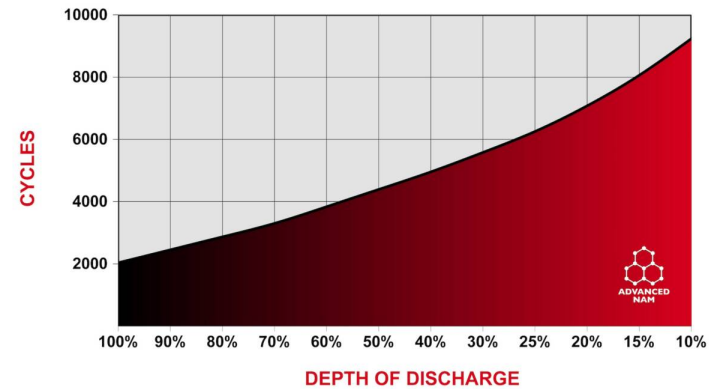
Weight	258.5 kg	570 lbs
Length	695 mm	27.38"
Width	267 mm	10.5"
Height Incl. Term.	803 mm	31.63"

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Electrolyte Reserve	95 mm	3.75"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 V	2.02 V	1.96 V	1.75 V
6 HR AH RATE	2.10 V	2.04 V	2.00 V	1.95 V	1.75 V
1 HR AH RATE	2.10 V	2.03 V	1.99 V	1.94 V	1.75 V



Designed in compliance with applicable BCI, DIN, BS & IEC standards. Tested in compliance to BCI & IEC standards.

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